

From boatanchors@theporch.com Wed Dec 13 11:57:26 1995
From: jmartin@hrlban1.aircrew.asu.edu
Subject: ...no subject...
Message-ID: <SA39+t+jnka@hrlban1.alhra.af.mil>

Cal N6KYR wrote:

While watching TV, Joey, my landlord's cat, happen to saunter next to the screen. Suddenly, I saw a streak of liquid exude from this guy. Answered many a question then.

=====

Yuck! What an offense to a nice bug... makes me wonder what would have happened if you had been operating, walked away for a moment, and the cat had 'annointed' contacts which already had some 'juice' on them. =+C

73, John Martin

jmartin@hrlban1.aircrew.asu.edu

From boatanchors@theporch.com Wed Dec 13 11:57:26 1995
From: KC5IJD@aol.com
Subject: Re: 4H4C Tube
Message-ID: <951213082913_52845818@emout04.mail.aol.com>

>I am looking for a "4H4C" tube that was used in the National
>HRO 60 (I believe it was a current regulator tube). I've gone
>through all the tube catalogs but none of them has it.
>My question is where can I find it and whether there is an
>equivalent for it. Thanks.

Duc,

You might try AES but I would suggest that you do what National recommended (due to the fact that 4H4Cs were expensive even back then) - sub a 6V6 for it. You loose very little in oscillator stability the process.

4H4C are difficult to find and generally quite expensive.

73

Joseph W Pinner
Lafayette, LA
KC5IJD
EMail: kc5ijd@aol.com

From boatanchors@theporch.com Wed Dec 13 11:57:26 1995

From: "Grant Youngman" <gyoungma@jaws.gtetel.com>
Subject: Re: 4H4C Tube
Message-ID: <9512131701.AA12938@netman>

> >I am looking for a "4H4C" tube that was used in the National
snip
> 4H4C are difficult to find and generally quite expensive.

I recently purchased two of them of Typetronics in FL.
Unfortunately, I'm away from the office on the road, but I'll post
the number when I get back to Dallas at the end of the week. Or
perhaps someone else on the list has the number.

They were \$15.00 each, for the record.

Grant/NQ5T

Grant Youngman / NQ5T
gyoungma@gtetel.com

WANTED: Hammarlund SPC-10

From boatanchors@theporch.com Wed Dec 13 13:26:00 1995
From: nduc@freenet.vcu.edu (Nguyen Duc)
Subject: 4H4C Tube
Message-ID: <9512131213.AA09460@freenet.vcu.edu>

To all boatanchors,
I am looking for a "4H4C" tube that was used in the National
HRO 60 (I believe it was a current regulator tube). I've gone
through all the tube catalogs but none of them has it.
My question is where can I find it and whether there is an
equivalent for it. Thanks.
Duc.

From boatanchors@theporch.com Wed Dec 13 11:57:26 1995
From: jml@spider.lloyd.com (Jim Lockwood)
Subject: 811A bulk purchase update
Message-ID: <m0tPuTD-000TruC@spider.lloyd.com>

Gang,

I've received enough interest in doing a bulk purchase of these tubes from Svetlana that I'll take the next step and contact Svetlana to see where their next price breaks are. I'll report what I find and then we can decide whether the price is attractive enough to make a purchase.

By way of this mail, I'm acknowledging expressed interest from:

k1zat@bah.com
danmec@inet.uni-c.dk
wb4ijn@awod.com
azoth@netcom.com
veltman@netcom.com
dmedley@ix.netcom.com
clarke@next3.acme.ist.ucf.edu
johnmb@nando.net
KB9VU@aol.com
howellh@admin.winthrop.edu
arther.dent@mail.prostar.com
SlotCity@aol.com
REC4%FltSac%TCS@go50.comp.pge.com

To answer a recurring question about usage in 30L1s: The Svetlana data sheet specifies the tube as suitable for horizontal operation as long as pins 1 and 4 are oriented in a vertical plane.

It will be a couple of days before I work on this again, however.

If you watched weather reports for yesterday (Tuesday), you know that northern California took a beating. Unfortunately, we were in the path of that storm that consisted of winds (at our elevation) reported as high as 85 MPH. We are, today, patching new-found leaks in our house, contracting to have a portion of our roof put back on, and repairing some damage to our barn. As much as I'd rather be working on something related to tubes, damage control today takes priority.

73,

Jim - km6nk

From boatanchors@theporch.com Wed Dec 13 13:26:00 1995
From: lstolz@tekelec.com (Lynn Stolz)
Subject: Anyone want an NC-101X parts rig?
Message-ID: <9512122301.AA01152@london.oh.tekelec.com>

This radio is complete, all original knobs, National meter, etc.
..and it works! I have to call it a parts radio because it has
been modified by a previous owner--added an OB2 VR and changed
the RF amp and oscillators to more modern tubes. (I have the
schematic of the modifications). This would be an excellent
receiver for anyone restoring any of the NC-1XX's who needs
mech. parts, PW dial, Coils, Crystal filter, etc.

First offer I receive over \$75 gets it (It's heavy, abt 30 lbs
so help me with the shipping please, I'll carefully pack it).

The buyer also gets first option on the matching National speaker
for \$50. Otherwise, I'll separately sell it for \$75 shipped.

email to lstolz@tekelec.com.

Send me your Zip Code so I can estimate the UPS shipping from me
to you (mine is 43015 in central Ohio).

Lynn Stolz, N8AJ

From boatanchors@theporch.com Wed Dec 13 13:26:00 1995
From: MODSTEPH@ACS.EKU.EDU
Subject: Re: BA's in the movies
Message-ID: <01HYQ4CEU042006KIM@ACS.EKU.EDU>

The fire on the Moro Castle done for a movie, is a true story, and
because of that fire many of the great passenger ships of that time
under US registry disappeared, particularly those on the Great Lakes:
the fire prompted many new fire regulations including sprinkler systems
on the ships, and for many it was just too expensive to tar them apart
to follow the new regulations. Fascinating story, btw, and there is
a book out about it ("Fire on the Moro Castle" I think - clever...)
which makes for interesting reading - particularly for all of you (us)
ship radio officers former or present.

73, Al N5AIT
modsteph@acs.eku.edu

From boatanchors@theporch.com Wed Dec 13 13:26:00 1995
From: "Gable, Edward M" <emg@rfpo2.rfc.comm.harris.com>
Subject: Re: BA's in the movies - Moro Castle
Message-ID: <30CEC4D1@smtpgate.rfc.comm.harris.com>

<snip>

The fire on the Moro Castle done for a movie, is a true story....

Fascinating story, btw, and there is a book out about it

("Fire on the Moro Castle" I think - clever...)

which makes for interesting reading - particularly for all
of you (us) ship radio officers former or present.

73, Al N5AIT modsteph@acs.eku.edu

<snip>

I thought you might be interested in knowing that we have
the CW key (Viboplex bug) from the Moro Castle in our
Museum in Bloomfield. It is a burned out hulk with melted
and rusted parts, but is a really fascinating article. Come
see it some time. Ed K2MP AWA Board of Directors
emg@rfc.comm.harris.com

From boatanchors@theporch.com Wed Dec 13 13:26:00 1995

From: hagelin@magi.com (Richard Brisson)

Subject: Re: BA's on TV

Message-ID: <9512130308.AA00209@magi.com>

This last Sunday's episode of JAG (a new series this year) featured the
Iraqis eavesdropping on Americans staying at an Iraqi "hotel" in a modern
day setting. The short 4-5 second shot of the equipment seemed to indicate
a cosmetically modified Wireless 19 !!?? I guess this makes sense in
Hollywood ... even your president Clinton appeared in this episode.

Joyeux Noel,

Richard.

If you have anything relating to unclassified/declassified crypt
gear, I'd like to hear !

From boatanchors@theporch.com Wed Dec 13 11:57:26 1995

From: David Stinson <72227.1640@compuserve.com>

Subject: BC-348 Questions

Message-ID: <951213132301_72227.1640_EHM93-2@CompuServe.COM>

(I didn't receive BA Digest #367, so if someone else
answered this, I didn't see it.).

Michael.J.Knudsen@att.com wrote for advice on the BC-348-R.

You've got a fine old radio, Mike and finding the shock mount is an extra bonus. A properly fed and pampered BC-348, when used with a correctly-matched speaker, sounds better than anything else I've used in an AM QSO. Mine really sound sweet on 75 meters. Unfortunately, 348s suffered as much needless hacking as the poor old command sets. I'm glad to hear no one gouged-out some ragged hole in your front panel to put in a useless S-Meter.

>...there seems to be no plate load on the 6K6 output.
>...There is NO audio output xformer in the set! Was there one originally? There was an output transformer mounted on the top of the chassis in the hole above the Jones-like connector. The correct transformer has output taps for HI-Z of about 3000 ohms and LO-Z of about 150 ohms. The twinlead pair he brought out the back was doubtless intended for an external transformer. No such connection should be made to the "Jones" plug. Replacing the output transformer in a 348 is a needless mutilation and bringing the B+ outside to a substitute is dangerous. Perhaps someone on the list has a junker 348 and can supply you with the transformer. I don't have a spare here, I'm sorry to say.

>How much B+ is normal for a BC348? This one is getting about 360 V, The proper B+ for a BC-348 is 220-250 VDC. Running more than this is asking to fry the poor old bypass caps and divider resistors. No wonder he had to disconnect some caps! Sounds like the mutilator couldn't find the right transformer. Voltage-divide it down or replace the transformer with something less brutal.

Decent copies of the manual are available from 1-800-807-6146 or from Fair Radio. Be sure to get the "R" manual, as the P and S models are built differently.

73 OM DE Dave Stinson AB5S/7
72227.1640@compuserve.com

p.s. Concerning the "mismatched" cover:
This kind of swapping went on at the depot maintenance level during the war. A "P" cover on an "R" unit is still authentic. ds

From boatanchors@theporch.com Wed Dec 13 11:57:26 1995
From: "Cal J. Eustaquio" <ceustaqu@violin.aix.calpoly.edu>
Subject: Cats and BA's don't mix.
Message-ID: <Pine.A32.3.91.951213064748.31295B-100000@violin.aix.calpoly.edu>

Hello all:
Just a post on a fairly recent lesson in my love of pets and BA's:they

don't mix.

Apparently I wasn't too familiar with the behavior of cats when I roomed and boarded at my current QTH. One day, after coming back from Advanced Camp, I found that my Presentation Grade Vibroplex Iambic Paddle had this acidic goo on it. Already, massive amounts of verdigris on the top of the gold plated ID plate and cover had formed. A brass cleat on my Navy 24 hour/12 hour

clock display also had this stuff on it. At first, I couldn't identify what this stuff was until I saw a streak of oily substance on a paper paint cover I used to protect my HQ-120X. While watching TV, Joey, my landlord's cat, happen to saunter next to the screen. Suddenly, a saw a streak of liquid exude from this guy. Answered many a question then.

Lesson learned-don't allow your cats to come into your hamshack lest you allow the "territorial squirters" to molly up your rig. Otherwise, take necessary precautions (like covering your rig). 73's. Cal, N6KYR.

From boatanchors@theporch.com Wed Dec 13 11:57:26 1995

From: berg stephen erik <z931086@corn.cso.niu.edu>

Subject: Re: Cats and BA's don't mix.

Message-ID: <Pine.3.89.9512130930.B10438-0100000@corn.cso.niu.edu>

Not necessarily! I stored a bunch of my BA goodies in my parents' garage during my exile in New England. When I returned, I found that my HR0-50 speaker had been a home to many families of mice. Their toiletry habits leave a lot to be desired too. A well placed cat could have prevented the damage they caused.

Happy Holidays & 73,

Steve WA9JML

z931086@corn.cso.niu.edu

From boatanchors@theporch.com Wed Dec 13 11:57:26 1995

From: Norm Flasch <flasch@cushy.eecs.nwu.edu>

Subject: Re: Cats and BA's don't mix.

Message-ID: <199512131528.JAA04400@cushy.eecs.nwu.edu>

We don't have that problem with our "fixed" male cat Tommy. Actually, Tommy kind of likes when I bring old raiios into the house. He usually gives them a rub or two. I always point this out to Judy who is not always ammused at seing another radio. Interestingly enough, our female cat Tina, doesn't seem to care for the radios I bring home.

--

Norm Flasch flasch@eecs.nwu.edu Northwestern University
Electrical Engineering and Computer Science

From boatanchors@theporch.com Wed Dec 13 11:57:26 1995
From: pbock@melpar.esys.com (Paul H. Bock)
Subject: Re: Cats and BA's don't mix.
Message-ID: <9512131543.AA29303@syseng1.se.melpar.esys.com>

>Just a post on a fairly recent lesson in my love of pets and BA's:they
>don't mix.

Same theme, different story: Our house cat, a calico, spends some time in the basement where I happen to have my BA station. One morning I went down to the BA shack and found all my FT-243 HF crystals scattered on the floor and desktop, whereas I had left them standing upright in a flat, drilled-out board I used for desktop storage. The board had been sitting on the top shelf right next to my 1940's design, breadboard, exposed-wiring 6V6 transmitter which I had left plugged into the AC outlet.

Apparently, the calico was attracted to the shelf by one of the two outdoor cats peering through the basement window, and in her zeal to reach the window she stepped on the exposed terminals and got a 115 VAC zap, which increased her zeal to vacate the area, whereupon she scrambled from the shelf taking the crystal board and crystals off with her.

No harm done to crystals or cat, and a sobering reminder to me to either unplug the xmtr or find a bakelite plate to cover the AC terminals on the back.....

73,

Paul, K4MSG

From boatanchors@theporch.com Wed Dec 13 11:57:26 1995
From: Bill Sorsby <bill.sorsby@dlep1.itg.ti.com>
Subject: Re: Cats and BA's don't mix.
Message-ID: <199512131617.KAA13868@dlep1.itg.ti.com>

At 08:57 AM 12/13/95 -0600, Cal wrote:

>

>Lesson learned-don't allow your cats to come into your hamshack lest you
>allow the "territorial squirters" to molly up your rig. Otherwise, take

>necessary precautions (like covering your rig). 73's. Cal, N6KYR.
>

The gender of the felines referenced above would be male. Female felines do not "spray". The analogous canine behavior is spraying fire hydrants. Again, the behavior is manifested only in the males.

Regards,
Bill Sorsby, N5BU

bill.sorsby@dlep1.itg.ti.com
Views expressed herein are my own.

From boatanchors@theporch.com Wed Dec 13 11:57:26 1995
From: Steve Ellington <n4lq@iglou.com>
Subject: Re: Cats and BA's don't mix.
Message-ID: <Pine.SOL.3.91.951213113437.24404C-100000@iglou2>

The first cat that messes with one of my BA's will be turned into a cat-whisker crystal radio. The rest of the cat will be disposed of.

Steve Ellington N4LQ@IGLOU.COM Louisville, Ky

From boatanchors@theporch.com Wed Dec 13 11:57:26 1995
From: dsa@apollo.hp.com
Subject: Re: Cats and BA's don't mix.
Message-ID: <199512131745.LAA09003@uro.theporch.com>

In defense of cats...

I have two (neutered) males and neither have hosed down my equipment. One actually seems to share an interest in my hobby. After a few hours of the NC-173 being on, the cabinet gets quite warm. "Jester", apparently unfazed by the sounds from the speaker, likes to nap on top of the radio while I'm surfing the ham bands. The cellar is only about 50 deg F this time of year and he enjoys the warm place to snooze. Since this radio has a solid cabinet (no vent holes) and the radio's cosmetics currently aren't in showroom condition, I see little harm in this, and enjoy the company. 'least he shows more interest in the hobby than the XYL. (Keep that under your hats, Bill and Scott!)

-Dale

```
=====
Dale S. Anderson
Hewlett-Packard, Co
SMDO-E&W NPI Process, Software Development Engineering
Exeter NH, Chelmsford Ma, Roseville and Cupertino CA
..but telecommuting from, HP CIO-FC, Fort Collins, CO
=====
```

From boatanchors@theporch.com Wed Dec 13 13:26:00 1995
From: Michael.J.Knudsen@att.com
Subject: Re: concerning receivers
Message-ID: <9512121708.AA19220@bock.ih.att.com>

Well, now, maybe the Hopper is a logarithmic scale, like dB,
so an 8-Hopper set is twice as good as a 7-Hopper.
If so, then an HQ-180 may well be 7.5Hp, meaning 128 x 1.4 or about
180 times as good as a Hopper. Hmmm, 180? Now we know where Hammarlund
got their model numbers! Time for Moore's 4th edition to explain this!

Geez, even an R390A only rates a perfect 10 in Hp (or Hr -- any Euro hams
wanna tell us the correct spelling?) **** ** 73, mike k w9nrd

From boatanchors@theporch.com Wed Dec 13 13:26:00 1995
From: "ROBERT W DOWNS, WA5CAB" <103012.2130@compuserve.com>
Subject: Concerning receivers
Message-ID: <951213050631_103012.2130_GHU101-3@CompuServe.COM>

The European Uranus Hertzometer, although well known in the literature, uses a
relatively linear magic-eye tube indicator and lacks the dynamic range of the
Hopperometer, currently estimated at better than 19 decades. The Hopperometer
is reported to have evaluated the Sincgar equipment used early in the Gulf war
at some 1.5 femtoHoppers, and a little known fact is that the Signal Corps used
a Hopperometer to assign the numbers to it's radio receivers up until about
1970. Thus, the BC-342, BC-454, R-54, R-390, R-442, R-1051, etc. I understand
that there was some 'seasonal' adjustment applied to the reading, which was
somehow related to the GNP, CPI, and world rice production.

What's that? Yes, I've been out of town for a while. What do you mean, it
isn't April? O.K., officer, I'll go quietly. Just let me click here on 'Send
Now'.

73, Robert, WA5CAB

From boatanchors@theporch.com Wed Dec 13 13:26:00 1995
From: "ROBERT W DOWNS, WA5CAB" <103012.2130@compuserve.com>
Subject: Diecast Zinc Corrosion, BA 368
Message-ID: <951213050635_103012.2130_GHU101-4@CompuServe.COM>

Bill Hawkins & the Group,

The components in most of the Military BA's that I collect are either steel, aluminum, or non-metallic, so I haven't encountered the pot metal disintegration problem very often. However, I have around 65 Navy Model ARD-2 Aircraft Countermeasures Receivers in the original crates, manufactured on a 1942 contract. Part of the front end tuning was accomplished with a parallel line which has a zinc die-cast part. In every one of the units, this casting is cracked in several places, both the one installed on the antenna lines, and the spare one individually packed in the spares box.

I was puzzled at first, but came to the conclusion that intergranular corrosion was the culprit. And as Bill pointed out, the remains of the original part would require more than just glueing back together and shipping off to an investment casting outfit for use as a pattern. There seems to be neither a preventative nor a repair technique. If anyone has come up with a time machine technique effective against the problem, please let me know.

73, Robert, WA5CAB

From boatanchors@theporch.com Wed Dec 13 13:26:00 1995
From: "John E. Vercellino 312.444.5670" <VERCELLINO.JOHN@ntrs.com>
Subject: Does the Turner Microphone Company still exist?
Message-ID: <C1628ZWBOLRQMI*/R=TNTVAX/R=A1/U=VERCELLINO.JOHN/@MHS>

Does anyone know if the Turner Microphone Company still exists?
I have an old Turner 254 microphone and I'm looking for a replacement for the crystal element.

Please reply to JEV@NTRS.COM.

From boatanchors@theporch.com Wed Dec 13 13:26:00 1995
From: "Ray L. Mote" <rmote@rain.org>
Subject: DR-89 cables

Message-ID: <Pine.SUN.3.91.951212234624.20901F-100000@coyote.rain.org>

Anybody got a DR-89 to match these receiver-to-monitor cables?

Ray Mote, W6RIC <rmote@rain.org>

From boatanchors@theporch.com Wed Dec 13 13:26:00 1995

From: k1oik@ccsnet.com

Subject: Flamed in

Message-ID: <TCPSMTP.15.12.12.-12.0.20.2644608140.2805628@ccsnet.com>

N4>Both of these statements call for determination, decision and
N4>forthwrightness. Your Items are of Interest but what are we supposed to do?
N4>I noticed the same deal with that speaker for sale. Lots of bidding,
N4>haggling and confusion. How about a price IF in fact this stuff really is
N4>for sale.

I have seen plenty of items with no price. I am not fully informed as to
what a fair price is and I want my school to receive the most for what
was donated. Do you have some difficulty with that.

N4>If you do not know what you want for them you do not need to sell them.

N4>(2shay) :*)

Not "2shay." I know what I want, the most I can get that is reasonable.

N4>This is not a flame folks. Just something to encourage us all to be more
N4>up-front.

Calling a flame NOT A FLAME does not make it so.

Burt Fisher
K10IK

From boatanchors@theporch.com Wed Dec 13 13:26:00 1995

From: "Stephen M. Linscott" <linscot@rice.edu>

Subject: Re: Flamed in

Message-ID: <Pine.SUN.3.91.951212230150.13375B-100000@is.rice.edu>

Burt,

It's OK to auction your stuff (keep getting bids until you reach a price you like), but at least give a description of the condition of the equipment. For example, I might offer \$3 for a junker 723, or \$150 for a mint, beautifully wired unit. You get the idea.

The remark about the BA group maybe not knowing what the units are shows that you haven't had the opportunity to read BA very much. You won't find the knowledge of tube radios that resides in this group anywhere else on the net.(or maybe anywhere else, period!). I don't know your age, but there may be guys on this group that were building radios before you were born. :-) And there are "young squirts" who have learned more about BA's than some of us Old Farts know! The point is, don't talk down to someone 'til you know how tall they are! :-)

73 de W5EGP

- Steve -

```
*****
*   Steve Linscott      Divisional Consultant   Natural Sciences   *
*   IS User Services    Rice University        Houston, Texas     *
*****
```

From boatanchors@theporch.com Wed Dec 13 13:26:00 1995
From: KB9VU@aol.com
Subject: RE: Flamed in
Message-ID: <951213075857_132047791@mail04.mail.aol.com>

In a reply to a perceived "Flame", k1oik@ccsnet.com (Burt Fisher) writes:

>I have seen plenty of items with no price. I am not fully informed as to
>what a fair price is and I want my school to receive the most for what
>was donated. Do you have some difficulty with that.

>I know what I want, the most I can get that is reasonable.

>Calling a flame NOT A FLAME does not make it so.

In a message dated 95-12-13 02:04:16 EST, linscot@rice.edu (Stephen M. Linscott) writes:

>Burt,

> It's OK to auction your stuff (keep getting bids until you reach a
>price you like), but at least give a description of the condition of the

>equipment. For example, I might offer \$3 for a junker 723, or \$150 for a
>mint, beautifully wired unit. You get the idea.
> The remark about the BA group maybe not knowing what the units are
>shows that you haven't had the opportunity to read BA very much. You
>won't find the knowledge of tube radios that resides in this group
>anywhere else on the net.(or maybe anywhere else, period!). I don't know
>your age, but there may be guys on this group that were building radios
>before you were born. :-) And there are "young squirts" who have learned
>more about BA's than some of us Old Farts know! The point is, don't talk
>down to someone 'til you know how tall they are! :-)
>
>
Burt,

There is never a requirement to prejudge anyone. I wholeheartedly agree with Steve's remarks above. By not describing the items fully, you limit the range of the response. For example, the two Drake items shown (a desk mic and a speaker) both have value. That value is derived from the original sale price when new and the "in demand" value today. I recently sold an MS-4 for \$35 and shipping. I described it's condition fully in the for sale post and the eventual buyer was satisfied. Folks who insist on posting "For Sale" items without condition information and a minimum bidding window invite low offers or worse NO offers.

This list has been more than fair in dealing with the "For Sale" posts over my span of contact. We all want the maximum value for the things we sell. However, achieving that requires knowledge on both sides of the table. Lighten up and have fun! I would not have called the last few posts "Flame" quality.

Mike, KB9VU

Forwarded message:

From: linscot@rice.edu (Stephen M. Linscott)
Sender: boatanchors@theporch.com
Reply-to: linscot@rice.edu
To: boatanchors@theporch.com (Multiple recipients of list)
From boatanchors@theporch.com Wed Dec 13 13:26:00 1995
From: "Dick Dillman" <ddillman@igc.apc.org>
Subject: Fwd: Hallicrafters HT-5B Speech Amp
Message-ID: <86110.ddillman@igc.apc.org>

NOTE This message has been forwarded from rec.radio.swap - all replies must go to steveclby@aol.com, not me.

----- Forwarded message begins here -----

From: Steve Clby <steveclby@aol.com >
Newsgroups: usenet.rec.radio.swap
From: boatanchors@theporch.com Wed Dec 13 13:26:00 1995
From: wally@mindy.sys.sdl.usu.edu (Wally Gibbons)
Subject: Hallicrafter's S-27
Message-ID: <9512122053.AA03356@mindy.sys.sdl.usu.edu>

Merry Xmas to all,

I have recently acquired a S-27. No manual. Any users out there willing to make a copy of one for me, mailing/copying cost's gladly re-paid? Opinions on the receiver would be welcome too, and appreciated.

Thanks and Happy Holidays.
wally@mindy.sys.sdl.usu.edu
Wally Gibbons, WB7ASQ

From: boatanchors@theporch.com Wed Dec 13 13:26:00 1995
Subject: Hallicrafters HT-5B Speech Amp

Hallicrafter HT-5B Speech Amplifier. Companion piece to the HT-4B AM Transmitter. HT-4B was the predecessor of the war time BC-610.

The amp is black with chrome side trim (late 1930's styling).

The unit appears to be in fair to good condition although there is some rust on the face plate in a number of places where the paint has been scratched off. A silver dial face has been added to the volume control (the original white lettering is visible in places underneath). The toggle switch between the "key" input and the power light appears to have been replaced and the glass and the top of the decibel meter is cracked. In addition, there is no power cord. The interior looks good, just dusty.

\$95.00 plus shipping from Frederick, MD. Shipping weight is about 26 lbs.

Thanks for your consideration,

Steve

----- Forwarded message ends here -----

Dick Dillman
WPE2VT N6VS ex-WA2BJK

<ddillman@igc.apc.org>
Collector of Heavy Metal:
Harleys, Willys and Radios Over 100lbs.

From boatanchors@theporch.com Wed Dec 13 11:57:26 1995
From: penson@sci.mus.mn.us (Chuck Penson)
Subject: HEATH HO-10 schematic
Message-ID: <v01520d02acf4b93c3d59@[206.9.148.10]>

Will the fellow who needed this please post me with a snail-mail address
and I'll send it out.

Sorry, I must have copied your e-mail address wrong.

Chuck Penson
WA7ZZE
A collector of Heath electronic products

From boatanchors@theporch.com Wed Dec 13 13:26:00 1995
From: "James C. Owen, III" <owen@apollo.eeel.nist.gov>
Subject: RE: How much should I offer?
Message-ID: <57107.owen@apollo.eeel.nist.gov>

In message Tue, 12 Dec 1995 14:28:18 -0600 (CST),
David Adams <dave@flowserver.stem.com> writes:

> I've been asked to make an offer on an unopened heathkit SB-220
> linear amp kit and an unopened sb104a vfo (yes, I do have a use for
> it). However, I'm not sure what to offer cash-wise. Anyone have
> any ballpark figures they could suggest?

An used SB-220 asking is usually about \$450-550 and many think an unbuilt
kit should bring more than the used price. I would say somewhere between
\$500 and 650 would be fair for a unbuilt kit. The SB-104A VFO is not in much
demand so I would give somewhere between \$75-90 if I had an use for it.
73 K4CGY

From boatanchors@theporch.com Wed Dec 13 13:26:00 1995
From: dt@scotborders.co.uk (David Topham - Arts & Science)
Subject: Re: How much should I offer?
Message-ID: <9512122128.AA11476@scotborders.co.uk>

Re Dave Adams:

>I've been asked to make an offer on an unopened heathkit SB-220
>linear amp kit and an unopened sb104a vfo

How much do we have to offer to keep the boxes uniquely closed :-)

I have an unopened kit radio from 1947 - still in its mailing packaging - I wonder why it was never opened? I'm determined to preserve it in this state - perhaps a 3D x-ray scan will reveal its contents. I also have a lot of mil accessories in their blast-proof packs. Anyone else closed box freaks?

David Topham GM3WKB

From boatanchors@theporch.com Wed Dec 13 13:26:00 1995
From: Burt Fisher <fisher@meol.mass.edu>
Subject: Items of interest.
Message-ID: <Pine.OSF.3.91.951212171227.5182A-1000000@meol.mass.edu>

The following items I believe fit in the category of Boat Anchors and are for sale by the school where I work:
(if you do not know what they are, you do not need them).

Eico 723

Drake 7075 mike

NCX-5 with AC and DC supply.

Drake Speaker, MS-4

Johnson Viking Matchbox 250-23

MFJ Versa Tuner III

30L1

Books:

Lysco 500 manual
NC-300 manual.

```
#=====#  
| Burt Fisher | Teacher of video, broadcasting and electronics |  
| Amateur call | South Dennis, Ma. (Cape Cod) |
```

```
|      K10IK      |   If you sit on the fence, it is a pain in the butt   |  
#=====#  
|                                k1oik@ccsnet.com                        |  
#=====#  
You cannot build a reputation on what you are going to do.  
Henry Ford
```

From boatanchors@theporch.com Wed Dec 13 13:26:00 1995
From: Steve Ellington <n4lq@iglou.com>
Subject: Re: Items of interest.
Message-ID: <Pine.SOL.3.91.951212181107.4496B-100000@iglou>

```
> (if you do not know what they are, you do not need them).  
> |      K10IK      |   If you sit on the fence, it is a pain in the butt   |  
  
> You cannot build a reputation on what you are going to do.  
> Henry Ford
```

Both of these statements call for determination, decision and forthrightness. Your Items are of Interest but what are we supposed to do? I noticed the same deal with that speaker for sale. Lots of bidding, haggling and confusion. How about a price IF in fact this stuff really is for sale.

If you do not know what you want for them you do not need to sell them.

(2shay) :*)

This is not a flame folks. Just something to encourage us all to be more up-front.

Steve Ellington N4LQ@IGLOU.COM Louisville, Ky

From boatanchors@theporch.com Wed Dec 13 11:57:26 1995
From: Bill Sorsby <bill.sorsby@dlep1.itg.ti.com>
Subject: Licensed Tower
Message-ID: <199512131529.JAA03936@dlep1.itg.ti.com>

Some of the worst grammatical offenses are committed by bureaucrats. While filling out my application for an antenna building permit I ran across this: "If the antenna tower or mast is capable of transmitting, a copy of the

Federal Communications Commission license(s) shall be provided prior to the issuance of a building permit."

Do they want a copy of my license or do they think my tower should be licensed? If the latter, is form 610 the correct form to use in applying for same? Or might they mean that I only need to obtain a tower license if, for instance, I intend use the tower as a vertical radiator but not if I put a beam on top of it.

So many unanswered questions. (sic) Well, I ain't gonna worry 'bout it unless they reject my application. (sic) (Yep, I grew up in the old South ya'll. (sic))

Regards,
Bill Sorsby, N5BU

bill.sorsby@dlep1.itg.ti.com
Views expressed herein are my own.

From boatanchors@theporch.com Wed Dec 13 13:26:00 1995
From: Michael.J.Knudsen@att.com
Subject: Re: mazak failure
Message-ID: <9512122101.AA19387@bock.ih.att.com>

Well, this lends new grist to the notion that smoking is bad for your health, way down the road.... (notion^^) -- 73, mike k w9nrd

From boatanchors@theporch.com Wed Dec 13 11:57:26 1995
From: vmike@jsun.agen.okstate.edu (Mike Veldman)
Subject: mike's mil trade
Message-ID: <9512131553.AA05921@jsun.agen.okstate.edu>

Gents,

I have caused an avalanche of mail which seems to have overloaded the primitive method I was using to keep track, hell I've had people show up at my door wanting command set stuff, I didn't know the stuff was scarce. Anyway I will try to be intouch with the people who mailed me and post an up-date soon, please be patient with me I seem to have fallen in over my head.

73
mike
WDOCTA
~.

From boatanchors@theporch.com Wed Dec 13 13:26:00 1995
From: jmilller@teleteam.com (Jay H. Miller)
Subject: More on Walter Winchell- Fake Morse
Message-ID: <v01510100acf36fec96fb@[205.198.110.12]>

Pull out your videotap of Ken Burns' Empire of the Air. At the very end of the credits a message is sent in Morse. See if you can copy it (it is accurate).

Walter Winchell apparently couldn't tell a dot from a dash..... his rapid fire delivery of
"Hello-Mr-and-Mrs-America-and-All-TheShips-a-tSea...lets-goto-press"..... captured a generation of radio listeners. Those of us under 45 or so remember him best as the narrator of the television series (and the first movie) The Untouchables.

Old CW buddy of mine is adamant that Winchel could not send Morse.

Jay Miller, KK5IM
jmilller@teleteam.com

From boatanchors@theporch.com Wed Dec 13 11:57:26 1995
From: lstolz@tekelec.com (Lynn Stolz)
Subject: NC-101X parts rig AND speaker gone...
Message-ID: <9512131714.AA23009@london.oh.tekelec.com>

To all you who inquired, the NC-101X parts rig AND speaker have been spoken for. Both will be together for Christmas!

BTW, anybody got a surplus Drake AC-4 P/S? I could use one.

Lynn N8AJ

From boatanchors@theporch.com Wed Dec 13 13:26:00 1995
From: x90galbraith1@wmich.edu
Subject: Need tranny ID.

Message-ID: <Pine.PMDF.3.91.951212182418.671297171B-100000@wmich.edu>

Gang,

Anybody got a UTC catalog they could use to look up a piece o' iron I'd like to ID (actually 2)???

It's an LS-6L4, big cylindrical thing. Audio output me thinks.
Any specs would be really appreciated!

Happy holidays you great bunch,
73, Chris KA8WFC

From boatanchors@theporch.com Wed Dec 13 13:26:00 1995
From: don merz <71333.144@compuserve.com>
Subject: Old and Odd Gear FS
Message-ID: <951212225110_71333.144_DHB74-3@CompuServe.COM>

For Sale

CONTACT: Don Merz, N3RHT: 47 Hazel Drive, Pittsburgh, PA 15228.
412-234-8819 (weekdays, EST or leave a message anytime).
71333.144@compuserve.com

OLDIES FOR THE AFFICIONADO

Millen "Audio Clipper--Symmetrical Type" model 75016 serial number 6.
Looks brand new. Requires 2 mercury batteries not included. 1/4"
phone plug input and 1/4" phone jack output. Like new. \$10
Elenco Power Gainer Compression Amplifier. 6" gray cube with 5 controls and
power on/off toggle. Unmodified and excellent. So what's it good for? \$14
Globe "Tenna-Meter." Some sort of power output meter and antenna efficiency
meter accessory. With original instruction sheet. Excellent. \$13
HRO 60 Dial Scales: A, B or C bandsread: \$7 each
RMCA (Radiomarine Corporation of America--RCA afloat) 8021 "Radiotelephone."
Pre-war marine radiotelephone transmitter/receiver with 6 crystal-
controlled channels. Handset on left, speaker on right. About 26" long,
14" high and 16" deep. Must weigh 80 pounds. Gray wrinkle cabinet with
front panel that looks like knurled aluminum (in that pre-war and wartime
RCA marine 81xx receiver styling). Obviously designed for a coastal
steamer as the 6 channels are marked (on engraved steel tags) "Boston,
Miami, New York, Norfolk, Cst Grd, Ship." Lifting the handset keys the
transmitter. Covers 2-3mhz. Really unique. Case has some light rust and
this thing shows a lot of neglect. Some tubes missing. But unmodified
and worth restoring. \$29
Heathkit AM-2 "Reflected Power and SWR Bridge." Dirty, disconnected wires
inside that I think are supposed to go to some (missing) diodes. But no

holes, nice case and front panel. Should clean up to excellent condition. \$5
Another Heath AM-2 SWR meter--this one complete and in good condition. \$10
Heath QF-1 Q-multiplier. Fair to good. \$10
Heath QF-1 Q-multiplier. Very good to excellent. \$16
Heath HS-1661 speaker. Matches 16x1 rig, I think. Scratched on top but rare
as chicken lips. \$21

HEADPHONES

American Bell headphones. Metal headband, cloth cord, pin jacks. Made by
Wayland Radio Mfg Co, Inc, Wayland, NJ. \$11
Trimm Acme headset. Metal headband, cloth cord, pin jacks. \$8
Military headset HS-16A, dated 1953. Cloth headband, cloth cord and pin
jacks instead of a phone plug. Made by Wm. J. Murdock Co., Chelsea Mass. \$11
Another HS-16A military headset. Excellent but no connector. From code
trainer I think. \$11
Kenwood HS-5 headphones. Stylish, high quality phones that are very effective
and comfortably let in outside sounds. Like new-in-box with paperwork. Used
maybe 1 hour. \$40 Shipped.

SCR-274N COMMAND SET EQUIPMENT

RE-2/ARC-5 antenna relay/current meter for the ARC-5 command set rig. Many
paint chips, broken meter glass. No shock mount. Easily cleaned up. A
pretty rare item. \$27
Military BC-458A transmitter, part of SCR-274N. Electrical mods but no
holes. No tubes. Rear connector changed to octal. Two internal covers
missing. Restorable to original with some work. \$19
BC-454-B receiver covering 6 to 9.1mhz. Painted ugly black but should be
aluminum. Dyno mount modified but restorable. No unoriginal front panel
holes. \$13
BC-453A "command set" receiver, 200 - 550khz, all original and very nice
except it has solder on pins of the FT-230, dyno and rear connectors. \$28
BC-453A "command set" receiver, 200 - 550khz, all original appearance, clean
and nice. But nomenclature tag is missing and it has extensive electrical
mods. No FT-230 and solder on dyno connector pins. \$28
BC-453-B "Command Set" receiver covering 190-550khz. All original except
solder on rear connector pins. Nice+. \$37
Military Aircraft Radio Corporation Glass Vacuum capacitors. 50mmf at 10
RF amperes. These go in the RE-2/ARC-5 and BC-442 antenna relay bases for
loading the antenna at VLF frequencies. These appear to be brand new. 2
left (out of 6) to sell at \$11 each.
Coil set for "command set" receiver--this is the 3-section set that
plugs in under the chassis. Covers 3 - 6mhz: \$1

TEST GEAR AND TEST GEAR MANUALS

HEATH MANUALS (Originals)

O-12 Oscilloscope. Good. \$6
V-7A VTVM. Excellent. \$6
336 High Voltage Probe. 4 Pages. \$2
PK-1 'Scope Probe. 4 Pages. \$2
309-C RF Probe. 4 Pages. \$2
TT-1 Tube Tester. Assembly and operations manuals (2 manuals). Excellent; \$12
Measurements (Boonton) 79B Pulse Generator original manual. Mint. \$5
Precision 640 tube tester original manual: \$3
Mallory 101 UHF TV Converter Original User/Service manual: \$4
1971 RCA Reference Book-pocket-size, good: \$2

Heath IT-22 capacitor tester. Go/no-go with tuning eye indicator. Nice+. \$13
Simpson Test Meters. These are 7" tall, 3" wide and 2" deep with the meter and a binding post for each range. Bakelite.
Model 375: 0 - 25 Amperes DC. 1 binding post broken. \$6
Model 370: 0 - 25 Amperes AC. Excellent. \$10
Model 378: 0 - 100 Milliamperes AC. Excellent. \$10
General Electric VLF Frequency Meter. Covers 50-150kHz. Nicely built in 9" x 9" x 16" metal box with carrying handle. Tagged "General Electric Radio Transmitter Engineering Division Laboratory s/n 00-66 Carrier Current Engineering." Has worn National "PW" dial for tuning. Runs on 115vac or DC. With calibration chart in lid, AC cord and headphones. \$19
RCA WV-76A High-Sensitivity AC VTVM. Calibrated in -40 to +40 decibels (1mw@600 ohms) and .01 to 100 RMS volts (sine wave). Excellent condition. No probe. \$16
Simpson RF Ammeter. Brand new in box. \$18
Heath VC-2 voltage calibrator covering .01v to 10v. Nice early Heathkit in excellent condition. \$5

--

From boatanchors@theporch.com Wed Dec 13 11:57:26 1995
From: mirage!pamars@uhura.neoucom.EDU (P.A.Marshall)
Subject: Re: Power Resistor---Rewind
Message-ID: <9512131228.AA14807@mirage>

William Hawkins writes:

>

> Ah, there is the minor matter of attaching the resistance wire to
> the leads when you are done winding. Usually this is done with a
> spot weld, because solder melts at too low a temperature.
True, but I'm sure I have seen small rivets used for this function,
and I'm about half sure I've seen hardware (nuts & bolts) used on a
large example some were. Small hardware might be worth a flier.

Al Marshall "Real Radios Glow in the Dark" almarshall@acm.org
1+219.665.5072 Mirage Computers, Inc.

As nightfall does not come at once, neither does oppression. In both instances, there is a twilight when everything remains seemingly unchanged. And it is in such twilight that we all must be most aware of change in the air--however slight--lest we become unwitting victims of the darkness.
Justice William O. Douglas

From boatanchors@theporch.com Wed Dec 13 13:26:00 1995
From: WB6ZWC@ns.net
Subject: Power Resistor---Rewind
Message-ID: <199512130147.RAA29333@eagle.ns.net>

I have a couple of power-resistors that have been smoked and are off value. I have not been able to find any replacements as yet.
7.5k @ 160 watts

What is the matter with rewinding these parts?

I have found resistance wire is sold in large bulk. (not good)

Does resistance wire come in smaller lots?

With the right wire one could rewind; take the items to the local pottery shop; have them dipped (in appropriate color) in ceramic and fired in the oven.

There you have it----new resistors!

Richard

Richard wb6zwc@ns.net
James ke6kyp
Linda ke6lit

From boatanchors@theporch.com Wed Dec 13 13:26:00 1995
From: bill@texan.frco.com (William Hawkins)
Subject: Re: Power Resistor---Rewind
Message-ID: <9512130527.AA20243@texan.frco.com>

Ah, there is the minor matter of attaching the resistance wire to the leads when you are done winding. Usually this is done with a spot weld, because solder melts at too low a temperature. You've got to determine the right amount of weld pressure and energy to use to get a good weld. It helps to have a real spot welder that lets you vary those things, and a spring scale to measure the pull breaking strength.

Maybe someone in the group would offer to spot weld some trials, and someone else would offer ceramic clay and a kiln. It's no big deal if you have the equipment. In fact, you could pay for new equipment if you could convince the glass audio crowd that your method of winding causes less distortion to the music that flows through it. (A recent issue of Glass Audio has that claim made by a wirewound resistor company and a couple of capacitor companies, which sell caps for \$18 a piece.)

Bill Hawkins

From boatanchors@theporch.com Wed Dec 13 13:26:00 1995
From: DrHydro@aol.com
Subject: PRT-1 Transmitter- What was it?
Message-ID: <951212225527_71486405@emout04.mail.aol.com>

Some time ago, I picked up a gadget I've never seen before- a Radio Transmitter T-138/PRT-1, made by the AirEon Mfg Corp, and there's an MFP date (moisture-fungus-proof) of August 1945 stamped on the outside.

This thing is an olive-drab cylinder about 6.5 in dia by roughly 30 in long. A spool of insulated wire with a canvas handle/loop is tucked inside each end cap, made to be grabbed and unreeled to form a dipole antenna. Length of the wire is unknown- I haven't unrolled it. Spools are 5 in long x 2.5 in dia, wire has cloth/rubber insulation and is about 1/8 in dia. Grounded to end cap on one end, steatite insulator on other. On one end, when the spool is removed a tripwire is pulled which operates an on/off switch inside the unit- this arms it.

Inside, there is a clockwork timer which can be set (back at home base, I'd guess- you have to take an end cap off to set and wind it, and there's a paper label from 1 to 24 which says "tear off after setting") to turn the unit on and off once per 24-hour period after it's armed. It's powered by 24 volts worth of D size cells stacked around the outside of a central core like the cylinder of a revolver- and the central core holds the aforementioned timer, and (gasp!) a SPARK-GAP TRANSMITTER! Several tuning coils and caps, and the outer cylinder is made of really thin spirally wound plywood. No idea what wavelength it transmits, but it's a fair guess that it is all over

the place at fairly low freqs.

Any guesses? Do we have here a D-Day Glider Guider? A clandestine jamming transmitter? A spy-who-came-in-from-the-cold attracting thingie? Does anybody want it more than I do?

Paul Nelson "When I go, I want to go quietly in my sleep
Ames, Iowa like my grandfather..... not screaming,
 like his passengers."
drhydro@AOL.com

From boatanchors@theporch.com Wed Dec 13 13:26:00 1995
From: Norm Flasch <flasch@cushy.eecs.nwu.edu>
Subject: Russian BA's in the movies
Message-ID: <199512122219.QAA03876@cushy.eecs.nwu.edu>

We recently rented "The Ice Runner", a '93 movie filmed in Russia.
Towards the end of the movie, at an outpost, were several Russian BA's
and oscilloscopes. A captivating, well done film I might add.

--

Norm Flasch flasch@eecs.nwu.edu Northwestern University
 Electrical Engineering and Computer Science

From boatanchors@theporch.com Wed Dec 13 11:57:26 1995
From: Walt Novinger <waltn@hooked.net>
Subject: Re: Silicon & Silicone
Message-ID: <199512131432.GAA00824@mom.hooked.net>

At 11:15 PM 12/12/95 -0600, ROBERT W DOWNS, WA5CAB wrote:

<snip>
>Silicon is the semiconductor, a major constituent of common sand.
<snip>
>BTW, Although I'll no doubt get a blast for this, the general level of prose,
>sentence construction, grammar and spelling on this net is p#\$\$-poor. Doesn't
>anyone proof their messages before they transmit them?

Interestingly enough, the first sentence above would have been more properly
constructed as: "A major constituent of common sand, silicon is the material
used in semiconductors." Your original construction implies that
semiconductors are a major constituent of sand...this would make pretty
coarse beaches, no?

Also, inasmuch as the abbreviation "BTW" is used as a phrase in your
sentence, the following word should not be capitalized as it is not the

beginning of the sentence.

While I agree with your assessment of the general quality of prose on the internet, I fail to let such things get under my skin. I and, I am sure, others meet here not for critiques of our writing styles, but to exchange ideas and give/receive assistance to/from our peers. Most of us are probably squeezing our 'net time into lunch breaks or precious time we should be spending with families; others are simply grammatically challenged. Regardless of why our prose might not meet the high standards of others, everyone should be encouraged to participate to the best of their abilities.

As a former English and writing teacher who still makes his living at the keyboard, I agree with your assessment of the state of modern English language usage, even among those who are supposedly "educated." I usually refrain from stating this opinion in a forum such as the BA list, as I believe this will only discourage those who have valuable comments to make, but are afraid of being attacked by the grammar police.

Finally, let's all remember that this is an *international* venue...many of our fellow BA enthusiasts are participating in this wonderful experience we share from countries other than the US. Many of these folks do not use English as their primary language, and literally *struggle* to compose sentences that convey their ideas. I know how hard I have tried to construct even marginally accurate notes in German, Dutch, French and Spanish in answer to questions on the 'net...thank goodness the participants in those forums (fora?) didn't judge my responses by my broken grammar in *their* primary languages.

Happy Holidays to all!

Walt

=====

Walt Novinger

Real Radios Keep You Warm at Night!

Collector of vacuum tube communications receivers and test equipment

Pacifica, CA waltn@hooked.net wnovinger@shl.com

From boatanchors@theporch.com Wed Dec 13 11:57:26 1995

From: MODSTEPH@ACS.EKU.EDU

Subject: Re: Silicon & Silicone

Message-ID: <01HYRA06MZ6U0008BP@ACS.EKU.EDU>

..and some of us have terminals which do not allow us to go back and change misspellings, correct grammar, or work on style. Nothing like kindness and

consideration at this particular season of the year...

73, A1 N5AIT
modsteph@acs.eku.edu

From boatanchors@theporch.com Wed Dec 13 11:57:26 1995
From: "Barry L. Ornitz" <u856010@eastman.com>
Subject: RE: Silicon & Silicone
Message-ID: <Pine.ULT.3.91.951213101215.7950A-100000@dua150.kpt.emn.com>

Robert Downs, WA5CAB, recently took this group to task about confusing the terms silicon and silicone. Since I am probably the only person on this mailing list to have written recently of silicones, I am a little surprised at his comments. I usually try to carefully insure the technical accuracy of my posts - particularly those about chemistry and chemical safety - because only a few in our mailing list are trained in this area. If I typed silicon rather than silicone, it was a typographical error, not a technical one. [While I have been a touch typist for over 33 years, neuropathy in several digits has slowly increased the number of mistakes I make in typing.] In fact, I usually go so far as to correctly spell out the name of PET plastic as poly(ethylene terephthalate) rather than the more common polyethylene terephthalate spelling.

So now allow me to correct some things in Robert's post:

Silicon is the element. Silica, or silicon dioxide, is quartz or common beach sand. Silicones are polyalkylsiloxanes whose repeating chain unit is represented by the chemical formula $-(SiR_2O)-$, where "R" represents an alkyl organic group. Technically the name silicone is incorrect but it continues in use by convention. F. S. Kipping around the turn of the century started work in organo-silicon chemistry and is credited with the name. He incorrectly named the siloxanes after ketones. The properties of silicones are very dependent on their chemical structure and chain length. Anything from light lubricating oils and antifoaming agents to heavy rubbery plastics to rigid films exist. I am sure Duncan Cadd from rainy Diepenbeek, ON9CHU, can provide more details. He is a polymer chemist, not I!

Robert then chided the group about the "general level of prose, sentence construction, grammar and spelling" exhibited here. He asked why people do not proofread their messages but neglected to note that his own message had lines that were longer than 75 characters. Many newsreaders cut these off or display them as very ragged text. It is considered good "netiquette" to limit postings to approximately 70 to 72 lines. This allows future quoting without running over 80 lines.

I personally have absolutely no complaints about the posts I see here. I was fortunate to have a good education but this does not make me better or in any way superior to the other people in this group. Stan Griffiths, W7NI, in private email to me made the comment that you can learn from anyone and I agree fully. I have learned a lot from this group, much of it from non-engineers. [I am an engineer, not a chemist.] These people have considerable experience and are very observant. I would be a fool to not listen and learn - even if I have to put up with an occasional grammatical error. In fact, I find that some of this adds immeasurable flavor and fun. [Thanks Boatanchor Bob!]

As far as using spelling checkers go, I think it would be nice if everyone did this. But I know of no commercial software that has a broad enough dictionary to cover every word in even this post.

In the mean time, let us all go back to discussions of boatanchors and quit flaming each other. I would have finished this with my fancy signature file which includes titles, etc., but why waste the bandwidth?

73, Barry L. Ornitz WA4VZQ ornitz@eastman.com

From boatanchors@theporch.com Wed Dec 13 11:57:26 1995
From: Michael.J.Knudsen@att.com
Subject: Re: Silicon & Silicone
Message-ID: <9512131656.AA21440@bock.ih.att.com>

The rule is simple:

Silicon Valley is Palo Alto -- San Francicso

SiliCONE Valley is LA.

Persons with extensive siliCONE work should not bend over too far
over operating rigs using pre-silicon technology.

73, mike k w9nrd

From boatanchors@theporch.com Wed Dec 13 11:57:26 1995
From: Henry van Cleef <vancleef@bga.com>
Subject: Re: Silicon & Silicone
Message-ID: <199512131752.LAA10620@zoom.bga.com>

As Walt Novinger said

>
> At 11:15 PM 12/12/95 -0600, ROBERT W DOWNS, WA5CAB wrote:
>
> <snip>
> >Silicon is the semiconductor, a major constituent of common sand.
> <snip>
> >BTW, Although I'll no doubt get a blast for this, the general level of prose,
> >sentence construction, grammar and spelling on this net is p#\$\$-poor. Doesn't
> >anyone proof their messages before they transmit them?

>
(critique snipped)

Proofreading messages? Only a cursory look. I'd hate to be ranked down for all the misspellings and grammatical fumbles I've posted, many of which were obvious 70-100 nanoseconds after I hit the "send" command. And anyone wants to bellyache, I've put a few grammatical horrors in this response. Anyone who wants to casually participate in this forum is going to have to overlook anything that doesn't corrupt the meaning, and is also going to come up with a few grammatical horrors of his/her/its (pick one) own.

>
> While I agree with your assessment of the general quality of prose on the
> internet, I fail to let such things get under my skin.

Well, not always. A "definitely" will definitely make me jump. A "me and her did thus-and-such" construction is a real turn-off. And some of the anachronisms of current "political correctness" would amuse me if they weren't such convolutions. Fifty years from now, some of these anachronisms will be the butt of jokes, just as the Victorian penchant for chickens that had "white meat" instead of "breasts" and people who had "limbs" instead of "arms and legs" have become a chuckle.

>
> As a former English and writing teacher who still makes his living at the
> keyboard, I agree with your assessment of the state of modern English
> language usage, even among those who are supposedly "educated." I usually
> refrain from stating this opinion in a forum such as the BA list, as I
> believe this will only discourage those who have valuable comments to make,
> but are afraid of being attacked by the grammar police.

While I am not an "English and writing teacher," past or present, I have been paid for wordmongery on a regular basis. Anyone who has written professionally has learned, the hard way, that a good editor (he/she/it variety, not a machine) is a valuable, if not mandatory, part of the process. Nobody likes having their stuff edited, and it is amusing to read Thomas Jefferson's lengthy shopping list of gripes over what John Adams and others did to his draft of the "Declaration of Independence" in a letter to Adams written around 1820. Some of the worst carping and griping I've heard (and seen) has come from people who never tried to write a 50,000 word article or a 1500 word piece of copy or a review of something. Good writing is an art, not a science, and it is not an art that just pops up by accident of birth.

I marvel at how well most people who write things to be posted on Internet areas manage to do. If you are going to write, you have to start somewhere. I've spent some time with things like Peter Elbow's ideas for letting some pretty inarticulate people find a "voice," and think that far more damage is done by nit-picking than by guiding and encouraging. I've read some of the awkward attempts of neophytes, and have to say that what I've seen often has far more color, depth of expression, and feeling, than some of the jewels that H.L. Mencken and Edith Wharton set in print (after they'd massaged them within an inch of their life).

>

> Finally, let's all remember that this is an *international* venue...many of
> our fellow BA enthusiasts are participating in this wonderful experience we
> share from countries other than the US. Many of these folks do not use
> English as their primary language, and literally *struggle* to compose
> sentences that convey their ideas.

>

Another "right on, brother!" I read and respond to many postings written by non-native English writers, who generally do so well at writing this "second language" that I sometimes forget to "keep it simple" in my responses. There are times when I do try to say something in French (which I think I know reasonably well) or have to come up with my very best pidgin German (say something and throw a "zu bleiben" or "zu werden" at the end) or Italian (a Tuscan friend said to me "if you're going to use French words when you don't know the Italian, at least pronounce all the letters").

The French writer, Antoine de Saint-Exupery, wrote a little jewel on correcting, and how one goes about doing something. It ends with the lovely little notion, "Et corrigion de corrigion, je marche vers Dieu."

--

Hank van Cleef vancleef@bga.com vancleef@tmn.com

From boatanchors@theporch.com Wed Dec 13 13:26:00 1995
From: "ROBERT W DOWNS, WA5CAB" <103012.2130@compuserve.com>
Subject: Silicon & Silicone
Message-ID: <951213050626_103012.2130_GHU101-2@CompuServe.COM>

I see these terms incorrectly used interchangeably often enough to aggravate me, and not just on this net, by any means. People talk or write of silicon rubber

and silicone diodes. Some mistakes are no doubt simple spelling errors. A computer spelling checker won't catch the error because both are good words. Other mistakes, however, must be simple lack of knowledge. Silicon is the semiconductor, a major constituent of common sand. Silicone is a long chain polymer (or used to be - 'long' is relative), and is usually associated with rubber-like products, or lubricants. Much in the 'stupid' news lately, but on a subject not related to seals, sealants or lubricants.

BTW, Although I'll no doubt get a blast for this, the general level of prose, sentence construction, grammar and spelling on this net is p#\$\$-poor. Doesn't anyone proof their messages before they transmit them? In some cases, obviously not. I think that too many of us are in too much of a damn hurry to do it right. Silicon, silicone, NC-100, NC-101. What's the difference? Right? NOT!

73, Robert, WA5CAB

From boatanchors@theporch.com Wed Dec 13 13:26:00 1995
From: "James T Hanlon" <JTHANLO@sandia.gov>
Subject: SW3 coils

John Schwartz... asked about DSC wire for SW-3 coils. It isn't really necessary, though it would be nice. About the only thing that using just enamel wire would do is up the turn-to-turn capacitance of the coil a little, and thus limit the high frequency tuning range a small amount. I've wound 30 meter bandspread coils for my SW3 with enamel wire (see ER a while back) and they work fine.

73,

Jim, W8KGI

From boatanchors@theporch.com Wed Dec 13 11:57:26 1995
From: thaake@bsm2ee1.attmail.com (thaake)
Subject: Sweeper
Message-ID: <PMX-TERM-2.02-bsm2ee1-thaake-14>

I recently picked up from the local avionics shop two sweep generators. Both are made by Jerrold. The first is a model 601-50 with a range of from 12MC to 245Mc in 11 bands. The second is the model 900A which is a VHF/UHF generator with coverage of 0-450Mc and 275Mc-1,000Mc. They are both built very well and seem to be in very good condition. I'm sure the avionics shop used them to align front-ends of comm receivers.

I do not have manuals on either. Tucker has them at \$25 each. This doesn't scare me if the generators are worth using. The talk about using a sweeper to align an IF sounds good but neither of these tune that low. I suppose the lower frequency unit could be used with a conversion oscillator.

Any suggestions??

Tim
thaake@attmail.com

From boatanchors@theporch.com Wed Dec 13 13:26:00 1995
From: "Cal J. Eustaquio" <ceustaqu@violin.aix.calpoly.edu>
Subject: TCS usage.
Message-ID: <Pine.A32.3.91.951213020855.35916A-100000@violin.aix.calpoly.edu>

Holiday BA greetings all!

Has (or is) anyone using a TCS xmtr on the air at all? I would like to put mine on the air but I was told that the output is a high Z. I would like to put it to a 50 ohm line and was also told that I would need some sort of xfrm'r (perhaps a balun) to accomplish this. Any suggestions?
73's. Cal, N6KYR.

From boatanchors@theporch.com Wed Dec 13 11:57:26 1995
From: thaake@bsm2ee1.attmail.com (thaake)
Subject: RE:UTC LS-6L4
Message-ID: <PMX-TERM-2.02-bsm2ee1-thaake-19>

Chris KA8WFC

LS-6L4 Specs UTC "Linear Standard" Audio Transformer, applications High Fidelity, broadcast applications. Closest approach to the ideal from the standpoint of uniform frequency response, low wave form distortion, high efficiency, thorough shielding and dependability.

Output Transformer line to voice coil.
Push-pull 6146,6159,6L6's fixed bias or push pull parallel 6L6's self bias, 7581.

Primary Imp. 4,500 ohms plate to plate and 3,800 ohms plate to plate
Secondary Imp. 500,333,250,200,125,50,30,20,15,10,7.5,5,2.5,1.2
+/- 1db from 12-50,000

From boatanchors@theporch.com Wed Dec 13 11:57:26 1995
From: Michael Burke <mburke@beast.sme.siemens.com>
Subject: Winding power resistors

I have seen "wind-your-own" resistor kits offered from various suppliers in the past (sorry, can't remember where) that included several resistivity flavors of wire and forms in various sizes.

Once you locate some resistance wire and determine its resistivity, you might want to consider winding the resistor non-inductively. After cutting the computed length of wire (and assuming that it's insulated in some fashion), simply fold the wire back on itself from the midpoint (like a hairpin) and then wind the paired wires on the form.

Hope this is helpful.

Mike (formerly, K8NER)

```

%
% Michael A. Burke          Seimens Medical Systems
% Synetics Consultants     Electromedical Group
% PO Box 439, 11 Scenic Dr 16 Electronics Avenue
% Westminster, MA 01473    Danvers, MA 01923
% 508-874-0908             508-750-7500 x7147
%
% mburke@sme.siemens.com
%

```

From boatanchors@theporch.com Wed Dec 13 11:57:26 1995
From: johnmb <johnmb@nando.net>
Subject: Winding power resistors (fwd)
Message-ID: <Pine.SUN.3.91.951213104113.12748B-100000@parsifal.nando.net>

Bigelow Electronics has such kits!
/john

----- Forwarded message -----
From boatanchors@theporch.com Wed Dec 13 13:26:00 1995
From: AviDov@aol.com
Subject: WTB
Message-ID: <951212235625_131906949@mail04.mail.aol.com>

H-17/GT or H-18/GT Phone Chest Set

From boatanchors@theporch.com Wed Dec 13 11:57:26 1995
From: Walt Novinger <waltn@hooked.net>
Subject: WTB Hallicrafters SX-23
Message-ID: <199512131432.GAA00839@mom.hooked.net>

Fellow BA-ists:

My XYL has told me that if I can find one, she'll arrange for Santa to bring me an excellent-to-mint condition SX-23. If any of you have one that you'd care to part with (oops, should have been "with which you'd care to part" :=}), Therese would be happy to hear from you. You can call her at +415.738.0370, or leave her a message here.

Hoping for an SX-23 Christmas,

Walt

=====

Walt Novinger
Real Radios Keep You Warm at Night!
Collector of vacuum tube communications receivers and test equipment
Pacifica, CA waltn@hooked.net wnovinger@shl.com

From boatanchors@theporch.com Wed Dec 13 11:57:26 1995
From: "Ray L. Mote" <rmote@rain.org>
Subject: WTB: small knobs 0-100 over 180 degrees
Message-ID: <Pine.SUN.3.91.951213063453.24193A-100000@coyote.rain.org>

If you've ever seen the Johnson low-power matchbox, you know the format I'm looking for -- skirted knobs marked 0-100 with a mark every one unit, over the 180-degree turning range of a variable cap. Millen made similar knobs, also. Unfortunately, I'm looking for something smaller than that 2 3/4-inch skirt on the Johnson/Millen knobs. I want to use them in a homebrew transmitter and don't want them sticking up above the chassis. Anybody have (or know of) something that will fit this purpose? I think the old Johnson Ranger may have had something with a sloping skirt on the grid and plate knobs, but wouldn't ask anyone to commit that kind of crime!

Thanks.....Ray Mote, W6RIC <rmote@rain.org>

From boatanchors@theporch.com Wed Dec 13 13:26:00 1995
From: "ROBERT W DOWNS, WA5CAB" <103012.2130@compuserve.com>
Subject: WTB: BC-307; SCR-238
Message-ID: <951213050621_103012.2130_GHU101-1@CompuServe.COM>

BA Group,

I'm looking for a BC-307 transmitter, or any components of Radio Set SCR-238. This is a pre-war GE set which looks like a baby BC-191 or 375, or a BC-223 but doesn't have plug-in tuning units. Other components were Mountings FT-156, 157 and 167, Dynamotor BD-86, and Receiver BC-224. There may be other parts as well, as I only have the manual on the transmitter, not the radio set. The transmitter covers 1500-8100 KC and contains six tubes (VT-62 finals), and is a 12 volt set.

73, Robert, WA5CAB
103012.2130@compuserve.com

From boatanchors@theporch.com Wed Dec 13 11:57:26 1995
From: aculbert@pps1-po.phyp.uiowa.edu
Subject: WTB: METER FROM HEATH HX-11
Message-ID: <199512131743.LAA06394@ns-mx.uiowa.edu>

Need the meter from a Heath HX-11 transmitter. Will buy complete parts rig if need to. While not a direct match, I could substitute a meter from a DX-35 by changing shunt values.

Reply to: allan-culbert@uiowa.edu

73.

Al, K0AL

From boatanchors@theporch.com Wed Dec 13 11:57:26 1995
From: nielw@ix.netcom.com (Niel Wiegand)
Subject: WTB: Round Bezel National S-Meter
Message-ID: <199512131350.FAA13793@ix3.ix.netcom.com>

I need a S-Meter to complete my restoration of an NC-101X. Any from an HROsr, NC-100 or NC-101 should work. It needs to have a round bezel and, of course, the National emblem on the scale. I'll even take one with a bad movement.

Is anyone parting out an old National or have one of these meters set aside? We can deal in cash or I have some trade stock we might talk about.

73, Niel - WA5VLZ